

REMARKS/ARGUMENTS

Claims 1-16 and 17-25 are pending in this application. By this Amendment, claims 1, 8-16 are amended, claim 17 is canceled without prejudice or disclaimer and claims 23-25 are newly added. Reconsideration in view of the above amendments or the following remarks is respectfully requested.

A. The Office Action objects to claim 14 for informalities. Applicant respectfully submits the above amendments obviate the grounds for the objection. Withdrawal of the objection to claim 14 is respectfully requested.

B. The Office Action rejects claims 1 and 7-8 under 35 U.S.C. §102(e) over U.S. Patent Application Publication No. 2003/0202447 A1 to Watanabe et al. (hereafter "Watanabe"). The Office Action rejects claims 2-6 under 35 U.S.C. §103(a) over Watanabe. Further, the Office Action rejects claims 9-12 under 35 U.S.C. §103(a) over U.S. Patent No. 6,469,970 B2 to Nishi. The Office Action rejects claims 13-22 under 35 U.S.C. §103(a) over Nishi and Watanabe. Since Watanabe and Nishi, individually or in combination, do not teach or suggest recited features, the rejections are respectfully traversed.

With respect to claim 1, Applicant respectfully submits Watanabe and Nishi, individually or in combination, would not result in at least features of a flexible cable,

including a flexible cable main body and a folded portion, wherein movement of said at least one movable part of the first and second part is configured to occur between a first position and a second position whereby corresponding movement of said flexible cable main body is configured to occur only to one side of the folded portion in the first position and combinations thereof as recited.

In contrast to claim 1, Watanabe discloses movement of a second printed board 17 extending beyond both sides of a third printed board 19 as tray 20 moves from an opened to a closed position. See Figures 2 and 14A-15B and paragraphs 55-59 and 87-90 of Watanabe. Nishi discloses a flexible cable 12 includes a fold portion, a fixed portion fixed on the inner bottom surface of a cabinet 2 and arranged between a connector 15 and the fold portion and a non-fixed portion being arranged between a connector 13 and the fold portion. See column 4, lines 1-13 of Nishi. Further, Nishi discloses movement of the flexible cable 12 on both sides of the fold portion as movable part 1 goes from an opened position outside a cabinet 2 to a closed position inside the cabinet 2. See Figures 2-3 of Nishi. Further, Applicant respectfully submits that Watanabe and Nishi, individually or in combination, do not teach or suggest any modification to their disclosure that would result in at least features of a flexible cable including a flexible cable main body, a folded portion, wherein movement of said at least one movable part of the first and second part

is configured to occur between a first position and a second position whereby corresponding movement of said flexible cable main body is configured to occur only to one side of the folded portion in the first position and combinations thereof as recited in claim 1.

With respect to claim 9, Applicant respectfully submits that Watanabe and Nishi, individually or in combination, do not teach or suggest at least features of a flexible cable, including a first end, a second end and a folded portion, wherein said first and second ends are vertically aligned and combinations thereof as recited in claim 9.

In contrast to claim 9, Applicant respectfully submits that Watanabe discloses a flexible printed circuit (FPC) 14 includes a first printed board 15 connected to a first fixed connector 12, a second printed board 17 connected to a movable connector 13, and a third printed board 19 connecting the first and second printed boards 17. As shown in Figures 14A-15B of Watanabe, Applicant respectfully submits the first printed board 15 is not vertically aligned with the second printed board 17. Nishi discloses the flexible cable 12 is not vertically aligned while it is connected between the fixed connector 15 and the movable connector 13. See Figure 1 and claim 1 of Nishi. Further, Applicant respectfully submits that Watanabe and Nishi, individually or in combination, do not teach or suggest any modifications to their disclosure that would result in at least features of a flexible

cable including a first end, a second end and a folded portion, wherein said first and second ends are vertically aligned and combinations thereof as recited in claim 9.

With respect to claim 13, Applicant respectfully submits that Watanabe and Nishi, individually or in combination would not result in at least features of a disk drive including a main base, a pickup base including an optical pickup, a board and a flexible cable having a folded portion, wherein two strips of cable extend from the folded portion in the same direction and are connected, respectively, directly to the optical pickup and to the board so as to transmit signals therebetween and combinations thereof as recited.

In contrast to claim 13, Applicant respectfully submits Watanabe discloses the FPC 14 coupled between movable connector 13 attached to the lower surface of the tray 20 (see paragraph 58 of Watanabe) and the fixed connector 12 provided to the shield cover 16 (see paragraph 56 of Watanabe). Nishi discloses the connector 15 connected to a circuit board 14 mounted on the cabinet 2, and the connector 13 connected to a circuit board 11 mounted on the movable part 1. Further, as shown in Figures 2-3 of Nishi, not even the circuit board 11 is connected to an optical pickup 8 in Nishi. See column 3, lines 45-59 and Figure 1 of Nishi. Further, Applicant respectfully submits that Watanabe and Nishi, individually or in combination, do not teach or suggest any modification to their disclosure that would result in at least features of a disk drive including a main base, a

pickup base including an optical pickup, a board and a flexible cable having a folded portion, wherein two strips of cable extend from the folded portion in the same direction and are connected, respectively, directly to the optical pickup and to the board and combinations thereof as recited in claim 13.

For at least the reasons set forth above, Applicant respectfully submits claims 1, 9 and 13 define patentable subject matter. Claim 11 defines patentable subject matter for at least reasons similar to claim 9. Claims 3-8, 10, 12, 14-16 and 18-22 depend from claims 1, 9, 11 and 13, respectively, and therefore also define patentable subject matter for at least that reason as well as their additionally recited features. Claim 17 is canceled without prejudice or disclaimer. Withdrawal of the rejection of claims 1 and 7-8 under §102 and 2-6 and 9-22 under §103 is respectfully requested.

C. Claims 23-25 are newly added by this Amendment and believed to be in condition for allowance.

### CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

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Reply to Office Action of July 20, 2006

Docket No. IK-0062

If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **Carl R. Wesolowski**, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
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